

HANDOUT HABITAT #4

PRELIMINARY DRAFT

Summary of Potential Opportunities for Tidal Marsh Restoration by ROA based on Implementability, Suitability, and Cost (Does not include assessment of covered fish species benefits.)

Restoration Opportunity Area and Land Units	Potential Opportunities for Tidal Marsh Restoration (acres) ¹					
	Very High ²	High ³	Moderate ⁴	Low ⁵	Very Low ⁶	Total Potential
Yolo Bypass/Cache Slough Complex ROA	10,710	3,760	9,430	1,440	0	25,340
Cosumnes/Mokelumne ROA	0	1,400	2,400	3,510	180	7,490
East Delta ROA	0	0	0	4,740	800	5,540
South Delta ROA	0	0	0	15,300	13,600	28,900
West Delta ROA	1,230	490	880	970	210	3,780
Suisun Marsh ROA	0	37,200	16,400	50	0	53,650
Total	11,940	42,850	29,110	26,010	14,790	124,700

Notes:

¹Cell values above 1,000 acres are rounded to the nearest 100 acres. Cell values below 1,000 acres are rounded to the nearest 10 acres.

²Very high = the extent of sea level rise accommodation, tidal marsh, and subtidal 1 acreage elevation classes from Handout #2 that achieve >80% of the highest possible Step 2 criteria score from Handout #1.

³High = the extent of the subtidal 2 acreage elevation class from Handout #2 that achieves >80% of the highest possible Step 2 criteria score from Handout #1 and the extent of sea level rise accommodation, tidal marsh, and subtidal 1 acreage elevation classes from Handout #1 that achieve >70-80% of the highest possible Step 2 criteria score from Handout #1.

⁴Moderate = the extent of the subtidal 2 acreage elevation class from Handout #2 that achieves >70-80% of the highest possible Step 2 criteria score from Handout #1 and the extent of sea level rise accommodation, tidal marsh, and subtidal 1 acreage elevation classes from Handout #1 that achieve >60-70% of the highest possible Step 2 criteria score from Handout #1.

⁵Low = the extent of the subtidal 2 acreage elevation class from Handout #2 (Table 1) that achieves >60-70% of the highest possible Step 2 criteria score from Handout #1 and the extent of sea level rise accommodation, tidal marsh, and subtidal 1 acreage elevation classes from Handout #1 that achieve >50-60% of the highest possible Step 2 criteria score from Handout #1.

⁶Very Low = the extent of the subtidal 2 acreage elevation class from Handout #2 (Table 1) that achieves >50-60% of the highest Step 2 criteria score from Handout #1 and the extent of sea level rise accommodation, tidal marsh, and subtidal 1 acreage elevation classes from Handout #1 that achieve ≤50% of the highest possible Step 2 criteria score from Handout #1.

⁷Includes upland elevation class acreage shown in Handout #2 for this location that would be excavated to elevations that would support tidal marsh.